

What is claimed is:

1. A process for producing a titanium oxide which comprises the steps of (i) mixing an acidic solution of a titanium compound with a nitrogen-containing basic organic compound to  
5 obtain a reaction product and (ii) calcining the obtained product.

2. A process for producing a titanium oxide according to claim 1, wherein the nitrogen-containing basic organic compound is selected from the group consisting of an acyclic  
10 amine, an alicyclic amine and an aromatic amine.

3. A process for producing a titanium oxide according to claim 2, wherein the nitrogen-containing basic organic compound is an acyclic amine.

4. A process for producing a titanium oxide according  
15 to claim 3, wherein the acyclic amine is selected from the group consisting of primary monoamines having 1 to 10 carbon atoms, primary diamines having 1 to 10 carbon atoms, dialkylamines having 2 to 10 carbon atoms and trialkylamines having 3 to 10 carbon atoms.

20 5. A process for producing a titanium oxide according to claim 1 or 2, wherein calcination step (ii) is conducted in an atmosphere having an oxygen content of about 10% by volume or less.

25 6. A process for producing a titanium oxide according to claim 1 or 2, wherein calcination step (ii) is conducted at the

temperature of from about 300°C to about 600°C.

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